

5500/0720  
04000



#2

OIPE

## RAW SEQUENCE LISTING

DATE: 02/07/2002

PATENT APPLICATION: US/10/054,976

TIME: 11:12:51

Input Set : N:\Crif3\RULE60\10054976.raw

Output Set: N:\CRF3\02072002\J054976.raw

1 <110> APPLICANT: Endress, Gregory A.  
 2 Rosen, Craig A.  
 3 <120> TITLE OF INVENTION: Prostate Specific Secreted Protein  
 4 <130> FILE REFERENCE: PF457  
 5 <140> CURRENT APPLICATION NUMBER: 10/054,976  
 6 <141> CURRENT FILING DATE: 2002-01-25  
 8 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/280,839  
 W--> 9 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-30  
 12 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/080,311  
 W--> 13 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-01  
 14 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/080,898  
 W--> 15 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-07  
 16 <160> NUMBER OF SEQ ID NOS: 15  
 17 <170> SOFTWARE: PatentIn Ver. 2.0  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 825  
 21 <212> TYPE: DNA  
 22 <213> ORGANISM: Homo sapiens  
 23 <220> FEATURE:  
 24 <221> NAME/KEY: CDS  
 25 <222> LOCATION: (146)..(682)  
 26 <400> SEQUENCE: 1  
 27 ggcaagagcc agctccttcc tgttcccctg gcgcccccctc gcttcttctt tctggatggg 60  
 28 ggcccagggg gccaggaga gtataaaggc gatgtggagg gtgcccgca caaccagacg 120  
 29 cccagtcaca ggcgagagcc ctggg atg cac cgg cca gag gcc atg ctg ctg 172  
 30 Met His Arg Pro Glu Ala Met Leu Leu  
 31 1 5  
 32 ctg ctc acg ctt gcc ctc ctg ggg ggc ccc acc tgg gca ggg aag atg 220  
 33 Leu Leu Thr Leu Ala Leu Leu Gly Gly Pro Thr Trp Ala Gly Lys Met  
 34 10 15 20 25  
 35 tat ggc cct gga gga ggc aag tat ttc agc acc act gaa gac tac gac 268  
 36 Tyr Gly Pro Gly Gly Gly Lys Tyr Phe Ser Thr Thr Glu Asp Tyr Asp  
 37 30 35 40  
 38 cat gaa atc aca ggg ctg cgg gtg tct gta ggt ctt ctg ctg gtg aaa 316  
 39 His Glu Ile Thr Gly Leu Arg Val Ser Val Gly Leu Leu Leu Val Lys  
 40 45 50 55  
 41 agt gtc cag gtg aaa ctt gga gac tcc tgg gac gtg aaa ctg gga gcc 364  
 42 Ser Val Gln Val Lys Leu Gly Asp Ser Trp Asp Val Lys Leu Gly Ala  
 43 60 65 70  
 44 tta ggt ggg aat acc cag gaa gtc acc ctg cag cca ggc gaa tac atc 412  
 45 Leu Gly Gly Asn Thr Gln Glu Val Thr Leu Gln Pro Gly Glu Tyr Ile  
 46 75 80 85  
 47 aca aaa gtc ttt gtc gcc ttc caa gct ttc ctc cgg ggt gtg gtc atg 460

ENTERED

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/054,976

DATE: 02/07/2002

TIME: 11:12:51

Input Set : N:\Crf3\RULE60\10054976.raw

Output Set: N:\CRF3\02072002\J054976.raw

```

48 Thr Lys Val Phe Val Ala Phe Gln Ala Phe Leu Arg Gly Val Val Met
49 90 95 100 105
50 tac acc agc aag gac cgc tat ttc tat ttt ggg aag ctt gat ggc cag 508
51 Tyr Thr Ser Lys Asp Arg Tyr Phe Tyr Phe Gly Lys Leu Asp Gly Gln
52 110 115 120
53 atc tcc tct gcc tac ccc agc caa gag ggg cag gtg ctg gtg ggc atc 556
54 Ile Ser Ser Ala Tyr Pro Ser Gln Glu Gly Gln Val Leu Val Gly Ile
55 125 130 135
56 tat ggc cag tat caa ctc ctt ggc atc aag agc att ggc ttt gaa tgg 604
57 Tyr Gly Gln Tyr Gln Leu Leu Gly Ile Lys Ser Ile Gly Phe Glu Trp
58 140 145 150
59 aat tat cca cta gag gag ccg acc act gag cca cca gtt aat ctc aca 652
60 Asn Tyr Pro Leu Glu Glu Pro Thr Thr Glu Pro Pro Val Asn Leu Thr
61 155 160 165
62 tac tca gca aac tca ccc gtg ggt cgc tag ggtggggtat ggggccatcc 702
63 Tyr Ser Ala Asn Ser Pro Val Gly Arg
64 170 175
65 gagctgaggc catctgggtg gtggtggctg atggtactgg agtaactgag tcgggacgct 762
66 gaatctgaat ccaccaataa ataaagcttc tgcagaaaaa aaaaaaaaaa aaaaaaaaaa 822
67 aaa 825
69 <210> SEQ ID NO: 2
70 <211> LENGTH: 178
71 <212> TYPE: PRT
72 <213> ORGANISM: Homo sapiens
73 <400> SEQUENCE: 2
74 Met His Arg Pro Glu Ala Met Leu Leu Leu Leu Thr Leu Ala Leu Leu
75 1 5 10 15
76 Gly Gly Pro Thr Trp Ala Gly Lys Met Tyr Gly Pro Gly Gly Gly Lys
77 20 25 30
78 Tyr Phe Ser Thr Thr Glu Asp Tyr Asp His Glu Ile Thr Gly Leu Arg
79 35 40 45
80 Val Ser Val Gly Leu Leu Leu Val Lys Ser Val Gln Val Lys Leu Gly
81 50 55 60
82 Asp Ser Trp Asp Val Lys Leu Gly Ala Leu Gly Gly Asn Thr Gln Glu
83 65 70 75 80
84 Val Thr Leu Gln Pro Gly Glu Tyr Ile Thr Lys Val Phe Val Ala Phe
85 85 90 95
86 Gln Ala Phe Leu Arg Gly Val Val Met Tyr Thr Ser Lys Asp Arg Tyr
87 100 105 110
88 Phe Tyr Phe Gly Lys Leu Asp Gly Gln Ile Ser Ser Ala Tyr Pro Ser
89 115 120 125
90 Gln Glu Gly Gln Val Leu Val Gly Ile Tyr Gly Gln Tyr Gln Leu Leu
91 130 135 140
92 Gly Ile Lys Ser Ile Gly Phe Glu Trp Asn Tyr Pro Leu Glu Glu Pro
93 145 150 155 160
94 Thr Thr Glu Pro Pro Val Asn Leu Thr Tyr Ser Ala Asn Ser Pro Val
95 165 170 175
96 Gly Arg
98 <210> SEQ ID NO: 3

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/054,976

DATE: 02/07/2002

TIME: 11:12:51

Input Set : N:\Crif3\RULE60\10054976.raw

Output Set: N:\CRF3\02072002\J054976.raw

```

99 <211> LENGTH: 159
100 <212> TYPE: PRT
101 <213> ORGANISM: Homo sapiens
102 <400> SEQUENCE: 3
103   Met Leu Pro Leu Leu Ile Leu Ala Phe Leu Gly Thr Pro Ala Val Leu
104       1           5           10           15
105   Thr Gln Ser Arg Tyr His Gly Ser Glu Thr Gly Lys His Phe Cys Ile
106           20           25           30
107   Val Ala Pro Glu Gly Glu Pro Val Thr Gly Ile Trp Ala Ser Leu Lys
108           35           40           45
109   Asn Asn Ile Leu Ser Ser Ile Arg Leu Lys Phe Gly Asn Asn Trp Ser
110           50           55           60
111   Gln Glu Tyr Gly Ser Ser Gly Arg Ala Glu Ile Glu Val Lys Leu Asn
112           65           70           75           80
113   Pro Asp Glu Thr Val Leu Gly Phe Ser Gly Ser Phe Tyr Ile Phe Met
114           85           90           95
115   His Gln Ile Ile Ile Thr Thr Ser Gln Pro Arg Glu Leu Ile Ile Gly
116           100          105          110
117   Pro Leu Thr Gly Arg Tyr Val Tyr Thr Ser Tyr Pro Glu Asn Pro Asn
118           115          120          125
119   His Val Phe Arg Gly Ile Cys Gly Tyr Tyr Val Thr Gly Gly Leu Lys
120           130          135          140
121   Gly Met Arg Tyr Leu Trp Gly Asn Val Asn Gly Thr Cys Thr Glu
122           145          150          155
124 <210> SEQ ID NO: 4
125 <211> LENGTH: 733
126 <212> TYPE: DNA
127 <213> ORGANISM: Homo sapiens
128 <400> SEQUENCE: 4
129   gggatccgga gcccaaatct tctgacaaaa ctcacacatg cccaccgtgc ccagcacctg 60
130   aattcgaggg tgcaccgtca gtcttctctt tcccccaaaa acccaaggac accctcatga 120
131   tctcccgagc tcttgagggt acatgcgtgg tgggtggacgt aagccacgaa gaccctgagg 180
132   tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240
133   aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300
134   ggctgaatgg caaggagtac aagtgcagg tctccaacaa agccctccca acccccatcg 360
135   agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420
136   catccccgga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct 480
137   atccaagcga catgcgccgt gagtgggaga gcaatgggca gccggagaac aactacaaga 540
138   ccacgcctcc cgtgctggac tccgacggct ccttcttctt ctacagcaag ctaccgtgg 600
139   acaagagcag gtggcagcag gggaaacgtt tctcatgtct cgtgatgcat gaggtctctg 660
140   acaaccacta cagcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc 720
141   gactctagag gat                                     733
143 <210> SEQ ID NO: 5
144 <211> LENGTH: 5
145 <212> TYPE: PRT
146 <213> ORGANISM: Homo sapiens
147 <220> FEATURE:
148 <221> NAME/KEY: SITE
149 <222> LOCATION: (3)

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/054,976

DATE: 02/07/2002

TIME: 11:12:51

Input Set : N:\Crf3\RULE60\10054976.raw

Output Set: N:\CRF3\02072002\J054976.raw

150 <223> OTHER INFORMATION: Xaa equals any amino acid

151 <400> SEQUENCE: 5

W--> 152 Trp Ser Xaa Trp Ser

153 1 5

155 <210> SEQ ID NO: 6

156 <211> LENGTH: 86

157 <212> TYPE: DNA

158 <213> ORGANISM: Homo sapiens

159 <400> SEQUENCE: 6

160 gcgcctcgag atttccccga aatctagatt tccccgaaat gatttccccg aaatgatttc 60

161 cccgaaatat ctgccatctc aattag 86

163 <210> SEQ ID NO: 7

164 <211> LENGTH: 27

165 <212> TYPE: DNA

166 <213> ORGANISM: Homo sapiens

167 <400> SEQUENCE: 7

168 gcggcaagct ttttgcaaag cctaggc 27

170 <210> SEQ ID NO: 8

171 <211> LENGTH: 271

172 <212> TYPE: DNA

173 <213> ORGANISM: Homo sapiens

174 <400> SEQUENCE: 8

175 ctcgagattt ccccgaaatc tagatttccc cgaaatgatt tccccgaaat gatttccccg 60

176 aaatatctgc catctcaatt agtcagcaac catagtcccc cccctaactc cgcccatccc 120

177 gccctaact ccgcccagtt ccgcccattc tccgccccat ggctgaactaa ttttttttat 180

178 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt 240

179 ttttggaggc ctaggctttt gcaaaaagct t 271

181 <210> SEQ ID NO: 9

182 <211> LENGTH: 32

183 <212> TYPE: DNA

184 <213> ORGANISM: Homo sapiens

185 <400> SEQUENCE: 9

186 gcgctcgagg gatgacagcg atagaacccc gg 32

188 <210> SEQ ID NO: 10

189 <211> LENGTH: 31

190 <212> TYPE: DNA

191 <213> ORGANISM: Homo sapiens

192 <400> SEQUENCE: 10

193 gcgaagcttc gcgactcccc ggatccgcct c 31

195 <210> SEQ ID NO: 11

196 <211> LENGTH: 12

197 <212> TYPE: DNA

198 <213> ORGANISM: Homo sapiens

199 <400> SEQUENCE: 11

200 ggggactttc cc 12

202 <210> SEQ ID NO: 12

203 <211> LENGTH: 73

204 <212> TYPE: DNA

205 <213> ORGANISM: Homo sapiens

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/054,976

DATE: 02/07/2002

TIME: 11:12:51

Input Set : N:\Crf3\RULE60\10054976.raw

Output Set: N:\CRF3\02072002\J054976.raw

```

206 <400> SEQUENCE: 12
207      gcggcctcga ggggactttc ccggggactt tccggggact ttccgggact ttccatcctg 60
208      ccatctcaat tag                                     73
210 <210> SEQ ID NO: 13
211 <211> LENGTH: 256
212 <212> TYPE: DNA
213 <213> ORGANISM: Homo sapiens
214 <400> SEQUENCE: 13
215      ctcgagggga ctttcccggg gactttccgg ggactttccg ggactttcca tctgccatct 60
216      caattagtca gcaaccatag tcccgccct aactccgccc atcccgcccc taactccgcc 120
217      cagttccgcc cattctccgc cccatggctg actaatTTTT tttatttatg cagaggccga 180
218      ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg 240
219      cttttgcaaa aagctt                                     256
221 <210> SEQ ID NO: 14
222 <211> LENGTH: 39
223 <212> TYPE: DNA
224 <213> ORGANISM: Homo sapiens
225 <400> SEQUENCE: 14
226      gcgggatccg ccatcatgca ccggccagag ggcattgctg                                     39
228 <210> SEQ ID NO: 15
229 <211> LENGTH: 37
230 <212> TYPE: DNA
231 <213> ORGANISM: Homo sapiens
232 <400> SEQUENCE: 15
233      agctggtacc ctagcgaccc acgggtgagt ttgctga                                     37

```

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/054,976

DATE: 02/07/2002

TIME: 11:12:52

Input Set : N:\Crf3\RULE60\10054976.raw

Output Set: N:\CRF3\02072002\J054976.raw

L:9 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:13 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:15 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5